

# SEQUENCES

SEQ ID	Clone ID Name	Sequence
SEQ ID NO:1	Round 1 (R1) CD28BP-71 (Clone 71)	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAATGCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:2	Round 1 CD28BP-84 (Clone 84)	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCCTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAGAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAATGAGAAG GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGGTTTTTCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAACCTGG ATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAACTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:3	Round 1 CD28BP- 118 (Clone 118)	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACCTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAAAG TGTGGCCTGAGTACAAAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCCGACAAGGGCACCTACACCTGCGTGGTTTCAAGAATGAGAAG GGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAGATGCTCCGC CTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCAGTGAACCTGG ATTTCAATGTGACAAATAACCAACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTCCGT GTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAGCTTCCATTC TGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAACTGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:4	Round 1 CD28BP- 126 (Clone 126)	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTCCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAAGTTTCCAAGATCCTGGAACAGCTCTACATGATTA

		GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 5	Round 2 (R2) CD28BP-1	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 6	Round 2 CD28BP-2	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACCGCCCGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 7	Round 2 CD28BP-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 8	Round 2 CD28BP-4	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTGCTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:9	Round 2 CD28BP-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGGCATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:10	Round 2 CD28BP-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:11	Round 2 CD28BP-7	ATGGGTCACACAATGAAGTGGAGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGATGA
SEQ ID NO:12	Round 2 CD28BP-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGTGA ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGATGA

		AAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTC AACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTCCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:13	Round 2 CD28BP-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTCCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:14	Round 2 CD28BP-10	ATGGGTCACACAATGAAGTGGCGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAGGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTCCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:15	Round 2 CD28BP-11	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACGCATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTC AACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGACAGT GGGAAGTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:16	Round 2 CD28BP-12	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:17	Round 2 CD28BP-13	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACTAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACATAACGCCGTCAACACGACGGTTGACCAAGGATTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:18	Round 2 CD28BP-14	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTCAACAGTCCGT GAAAGAAATGGCGGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTCTGAGCATCATCTCTGGGCAAGTGAAG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGAT CCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAAT GCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:19	Round 2 CD28BP-15	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCCGTGGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:20	Round 2 CD28BP-16	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG

		CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGSTTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGCTTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCGCTGCGGTAGTTCT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 21	Round 2 CD28BP-17	ATGGGTCACACAATGAAGTGGGGATCACTACCACCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAATGGTGCTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CCTTATGATCCTGGCACTGCGCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCAATGTGAAAAGGATAAG ATGCTCCGCTCCGGAGATTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAA CTAACGCCGTCAACACGACGTTTGACAGGATTTGGACACGGAGCTTACAGCGTCAAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGTGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACTGAAGGCTGTCCCTTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 22	Round 1 (R1) CTLA4BP-5	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 23	Round 1 CTLA4BP-7	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCTCTCCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAGTGAAGTCTATGCTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 24	Round 1 CTLA4BP-11	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT

		GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTGT ACACCCTGTATGA
SEQ ID NO: 25	Round 1 CTLA4BP- 13	ATGGGCCACACACGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTTCGGGTTGGAAAATGGGGAAGAAAATAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACACCCAATCGCAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 26	Round 1 CTLA4BP- 27	ATGAGCCACACACGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTCTGTAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAGAAGGAATGAGACACTGAGAAGGGAAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 27	Round 2 CTLA4BP- 5x2-10c	ATGGGCCACACACGAGGCAGGGAATATCACCACCAAGTGTCATACCTCAATTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCCGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTGTAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAATGAGACACTGAGAAGGGAAAAGTGTACG CCCTGTATGAC
SEQ ID NO: 28	Round 2 CTLA4BP- 5x2-11d	ATGAGCCACACACGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA



		ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAAA
SEQ ID NO: 29	Round 2 CTLA4BP- 5X2-12F	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCTGACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACCATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCACCTTCTAACATTAAGGATAAATTTGCTC AACCTCCGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 30	Round 2 CTLA4BP- 5x2-2g	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTGACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTTGAATTTCCAACCTCTAACATTAGAAGGATAATTTGCTC AACCTCCGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO: 31	Round 2 CTLA4BP- 5x2-3c	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTGACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAGGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGCCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTTGAATTTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGGGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAAG
SEQ ID NO: 32	Round 2 CTLA4BP- 5x2-4c	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCTGACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA





	5x3-11b	AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTAGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCTCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTACACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO:37	Round 2 CTLA4BP- 5x3-6f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAATTTCTTTC AGCTCTTGGTGCTAGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:38	Round 2 CTLA4BP- 5x4-11d	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAT AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTGTCTAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:39	Round 2 CTLA4BP- 5x4-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATCGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID	Round 2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC

NO: 40	CTLA4BP- 5x4-1f	AGCTCTTGGTGATGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGAG
SEQ ID NO: 41	Round 2 CTLA4BP- 5x5-2e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTAGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 42	Round 2 CTLA4BP- 5x5-6e	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTCTCATCTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCTTGAGCCCCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 43	Round 2 CTLA4BP- 5x6-9d	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCCTGGTGCTGGCTGGTCTTTCTCATCTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGAG

SEQ ID NO: 44	Round 2 CTLA4BP- 5x8-1f	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAATTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AGCCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 45	Round 2 CTLA4BP- 5x9-12c	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAATTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 46	Baboon B7-1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTT AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 47	Orangutan B7-1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAATTTCTTTT AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGGCACATATGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATGATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGCAATGAGAGACTGAGAAGGGAAAGTGT

		ACGCCCTGTATGA
SEQ ID NO:48	Round 1 CD28BP-71 (Clone 71)	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNMTSNHSFLCLVKYGD LTVSQTFFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:49	Round 1 CD28BP-84 (Clone 84)	MGHTLRPGTPLPRLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEN GSFRREHLTSVTL SIRADSPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI DQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:50	Round 1 CD28BP- 118	MGHTLRPGTPLPRLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEN GSFRREHLTSVTL SIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGEELNA VNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI DQLPF WV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:51	Round 1 CD28BP- 126	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PDLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:52	Round 2 CD28BP-1	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:53	Round 2 CD28BP-2	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYR PACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:54	Round 2 CD28BP-3	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:55	Round 2 CD28BP-4	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLCWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:56	Round 2 CD28BP-5	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVVQK PVLKGAYKLEHLTSVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:57	Round 2 CD28BP-6	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:58	Round 2 CD28BP-7	MGHTMKWRS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETKLYMISSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFVW IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:59	Round 2 CD28BP-8	MGHTMKWGS LPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQ PVLKGAYKLEHLASVRLMIRADFVPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE



	11	KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTNHSFMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:72	Round 1 CTLA4BP- 13	MGHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSVKADFTPSTIDFEIPTSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVRPV
SEQ ID NO:73	Round 1 CTLA4BP- 27	MSHTRRQGISPSKCPYLNFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:74	Round 2 CTLA4BP- 5x2-10c	MGHTRRQGISPPKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:75	Round 2 CTLA4BP- 5x2-11d	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTDRSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNETLRRESVRPV
SEQ ID NO:76	Round 2 CTLA4BP- 5x2-12f	MSHTRRQGISPSKCPYLKFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSVKADFTPSTIDFEIPPSNIKRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNHSFMCLIKYGLRVNQTFNWNTPKQEHF PDNPL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO:77	Round 2 CTLA4BP- 5x2-2g	MGHTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTNHSFMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYRFAPRCRERKSNERLRRESVRPV
SEQ ID NO:78	Round 2 CTLA4BP- 5x2-3c	MGYTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTREVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTNHSFMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:79	Round 2 CTLA4BP- 5x2-4c	MSHTRRQGTSPSKCPYLKFFQLLVLAASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN GINTTVSQDPETELYTVSSKLDNFMTNHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:80	Round 2 CTLA4BP- 5x2-7b	MSHTRRQGISPSKCPYLNFFRLLVLAASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSVKAGFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTELYTVSSKLDNFMTANHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:81	Round 2 CTLA4BP- 5x2-8c	MSHTRRQGTSPSKCPYLKFFQLLVLAASLSHFCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLEAVMSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTNHSFVCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:82	Round 2 CTLA4BP- 5x3-10e	MGYTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVSVKADFTPSTIDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFMTNHSFMCLIKYGLRVNQTFNWNTPKQEHF PDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVHPV
SEQ ID	Round 2	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ





SEQ ID NO: 95	Round 2 CD28A12-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGCTG ACAAGCCTTCGGATCTATTGGCGAAAGGATAGTAAAATGNTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGTACCATCACTGACATGAACGATAAACCCTCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTTGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 96	Round 2 CD28A4-5 *	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGTGGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGCTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 97	Round 2 CD28A4-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCCGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA
SEQ ID NO: 98	Round 2 CD28A6-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGCTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAAACCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCCGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTTNA

		TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:99	Round 2 CD28A6-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCCCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATTGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCCGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGATAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:100	Round 2 CD28A8-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:101	Round 2 CD28A8-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCCC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCCATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACAACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAGCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAGTGAAGGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:102	Round 2 CD28B2-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTGAGCTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT

		CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACGAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:103	Round 2 CD28B4-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTCAAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:104	Round 2 CD28B6-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTCAAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:105	Round 2 CD28B6-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACCTCCGTGACACTGTCCATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAACCTGGATTTCAATGCGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTGTCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGA
SEQ ID NO:106	Round 2 CD28B8-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCAAGATCCTGAACTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT

		CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:107	Round 2 CD28C11-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGCGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:108	Round 2 CD28C6-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGGTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:109	Round 2 CD28C7-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGA AAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:110	Round 2 CD28C8-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAAC TGA GCTCTACATGATTA GCAGTGAAC TGGGTTTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG

		GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:111	Round 2 CD28C9-5*	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCTGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCCTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTNGAAAAGAAGAAGGAATGAAGAGAC AGTGGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:112	Round 2 CD28C2-4	ATGGGCCACACGCTGAGGCCGGGAAGTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTCTGGGCAAGTGGAGG TGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCGTATTGTGAT CCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAGCCTGTTTTG AAAGGGGCTTATAAACCAGGACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTC AACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGTAATAAT GCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAAC AGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATAC TAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGA AATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:113	Round 2 CD28D2-3	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCAGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACTGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTG CTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTA AATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCAGTG AACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCT GTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTT CCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCGGTAGTTCTCTACT GCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGACAGTGGG AACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:114	Round 2 CD28D2-9	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACTGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTG CTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTA AATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCAGTG AACTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCT GTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTT CCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCGGTAGTTCTCTACT GCCTGGCCTGCAGACATGTTGCGAGGTGGAAGAACAAGAAGGAATGAAGAGACAGTGGG AACTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:115	Round 2 CD28D8-9	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCCAAGATCCTGGAAC TGAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:116	Round 2 CD28D11-1	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATG ATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCTAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:117	Round 2 CD28D12-5	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAATAAACGCCGTCAACACGACGGTTTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAACCTCGGGCTGA
SEQ ID NO:118	Round 2 CD28E10-6	ATGGGTACACAAATGGAGTGGGGATCACTACCACCCAAGCGCCCATGCCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAATAAACGCCGTCAACACGACGGTTTTTGGACACGGAGCTCTACAGCGTCAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAACCTCGGGCTGA



		GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACTGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAAGACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:119	Round 2 CD28F7-2	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAAGACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:120	Round 2 CD28F8-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCAGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAAGACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:121	Round 2 CD28F10-2	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCGCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAAGACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:122	Round 2 CD28F12- 5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCGCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAAGACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		AAGATGCTCCGCCTCTGGAGATTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGGGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGCGGTGCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:123	Round 2 CD28G2-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAATGAGCTCTACATGATTA GCACTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCCTGCGCAATCCTCGGGCTGA
SEQ ID NO:124	Round 2 CD28G1-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAAACACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGCTGTTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCCTGACCTCCGTGACATGTCCATCAGAGCTG ACTTCCCTGTCTCTAGCATAACTGACATTGGACATCCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATTGTGTGTCTCATCAAATACGGGGA GCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTCCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:125	Round 2 CD28G1-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:126	Round 2 CD28H4-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGATCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAAATGACATTGGACATCCCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTTTGGTGTCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAACAGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCAAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:127	Round 2 CD28H11-3	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:128	Round 2 CD28H6-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAAT GCTACCAACACAACAGTTTTCCAAGATCCTGGAACCTGAGCTCTACATGATTAGCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGAGCTGTC GGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGATCAGCTTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:129	Round 2 CD28E2-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCACTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:130	Round 2 CD28B4-5a	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTTCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGGTGTACAGATCTTCCCTTGGAGCAAACCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAC TGAGCTCTACATGATTA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGC TTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:131	Round 2 CD28A2-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTGTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGGGAAATGCAAAGTGCTCTCAGTCTCCATAGGTACCAAGCTTAAGTTTAACCGC
SEQ ID NO:132	Round 2 CD28B4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCCTGTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCA GCAGTGAAC TGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTTCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGC TTTGGTGTCTCACTGCGGTAGTTC TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:133	Round 2 CD28D5-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAC TGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGTCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:134	Round 2 CD28D10-4	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG

		TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCCCCCCAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGGA GCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGTCTTGGTGCTCACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAAC TGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:135	Round 2 CD28E2-5*	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCACCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCCGTCGGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:136	Round 2 CD28E5-2	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAATAACCGCAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTCCGTGTACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCTCCCATGATGAT CAGCTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTT TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAAC TGAAAGGCTGTCCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:137	Round 2 CD28E8-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:138	Round 2 CD28E9-6	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCEAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACACGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA

		AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCGAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAACCTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGGCATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:139	Round 2 CD28F3-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CTGACTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCGAAGGCCCCACCTCTACTGGTTGGAAAATGGAAAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:140	Round 2 CD28F3-5	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCAGCA GTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGA GCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGACAGT GGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:141	Round 2 CD28F3-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCCGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCGAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:142	Round 2 CD28F11-8	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCGAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGG GGAGCTGTGCGGTGTCACAGATCTTCCCTTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGAAGGAATGAAGAGAC AGTGGGAACCTGAAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA

		ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGTTTTGAAAGGGGCTTATAAACTGGAGCACCCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATTTGTGTCTTGTCAAGTATGGAGACTTAAC AGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATAC TAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGA AATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:143	Round 2 CTLA4BP 5x9-d10	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGTCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTTCAAGCGAGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGGAAGTGTGCTTACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGC ACGCCCTGTATGA
SEQ ID NO:144	Round 2 CTLA4BP 5x6-f6	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCCCATCTACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTTCAAGCGAGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGTGCTTACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACCT ACCGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGGCTGAGAAGGGAAAGTGT ATGCCCTGTATGAG
SEQ ID NO:145	Round 2 CTLA4BP 5c5-h12	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCCCACTTCTGTTCAGGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGTGGCTCTGCGCCCATCTGACGAGGGCACATACGAATGTGTTGTTCTGAAGTATGAA AAAGATGCTTTTCAAGCGGGAACACCTGGCTGAAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGTGCTTACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCGATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGGGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:146	Round 2 CTLA4BP	ATGAGCCACACACAGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGTGGCTAGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA



	5x5-c10	AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAGCACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCCCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTCTGAGCAGCAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGAG
SEQ ID NO:147	Round 2 CTLA4BP 5x3-e8	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAAGTGTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCGACTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAGGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG
SEQ ID NO:148	Round 2 CTLA4BP 5x3-c4	ATGAGCCACATACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAAGTGTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCCGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGTTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:149	Round 2 CTLA4BP 5x3-c3	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAAGTGTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCCCAATGTTTCCGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATAG
SEQ ID	Round 2	ATGAGCCACACACGGAGGCAGGGAATATCATCATCCAAGTGTCCATACCTCAAGTTCTTTC

NO:150	CTLA4BP 5x2-h11	AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGAA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGGGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTGCAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAAACAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:151	Round 2 CTLA4BP 5x2-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCGAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAACGGGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:152	Round 2 CTLA4BP 5x2-b7	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAATTTCTTTC GGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAACAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:153	Round 2 CTLA4BP 5x2-b1	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCAACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAAACAGCTCTATACTGGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGACCTGAGAAGGGAAAGTGT ACGCCCTGTATGGGGTACCAAGCTTAAGTTTAAACCGCANNATCAGCC

SEQ ID NO:154	Round 2 CTLA4BP 5x1-f1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAC GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATAGTGTAGCAGCAAAC TGGATTTCAATATGACAGCCAATCACAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:155	Round 2 CTLA4BP 5x1-d7	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAATTTCTTTTC AGCTCTTGGTGCTAGCTAGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTCTGTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGTTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTGTGATATGCTGCCTGACTT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:156	Round 2 CTLA4BP 2x4-g9	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAGGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGATAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCAGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCAGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGGAAGTGAAGTGTGTTAGTGTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAGGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAAGGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGAGGCAGAGAGAGAAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:157	Round 2 CTLA4BP 2x4-a6	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGNTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCTTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCGGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGGTGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT

		ATGCCCTGTATGA
SEQ ID NO:158	Round 2 CTLA4BP 2x2-f3	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCACTTCTGTTTCAGGTGTTATCTACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGATTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATAGGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:159	Round 2 CTLA4BP 2x2-f12	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGGGTGTGTTGTTCTGGAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATGCTGTAGCAGCAAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGCGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:160	Round 2 CTLA4BP 2x1-g8	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCGTTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATAGTGTAGCAGCAAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:161	Round 2 CTLA4BP 2x1-f10	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATGCTGTAGCAGCAAAAC TGGATTTAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTCTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA

		ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:162	Round 2 CTLA4BP 2x1-c9	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTCTGAAGAGCTGGCACA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGGAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATAAAT GCCATCAGCACAACAGCTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCTAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGTTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:163	Round 2 CTLA4BP 2x1-h12	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCTCAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAAAGAGCAATGAGAGACTGAGAAGGGAAAAGTGT ATGCCCTGTATGA
SEQ ID NO:164	Round 2 CTLA4BP 2x1-e2	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGATGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTAT ACACCCTGTATGA
SEQ ID NO:165	Round 2 CTLA4BP 2x1-c4	ATGGGCTACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGCCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAAATGGAGAAGAATAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTAGGCCATTACCTTAATCTCAGCAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCGAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAAGTAT ACACCCTGTATGA

		CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:166	Round 2 CTLA4BP 2x1-b12	ATGGGCCACACACGGAGGCAGGGGATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATCTCTGTTTCAGGTGTTATCCACATGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGCTCTGAAGTATGAA AAAGATGCTTTCAAGCAGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAGCCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:167	Round 2 CTLA4BP 2x2-f1	ATGGGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGGGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCTATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAGGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAGATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCCTGATAACCTACTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTCGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:168	Round 2 CTLA4BP 5x4-h1	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTTCTGGCTGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTTCCCTAATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCTGTATGA
SEQ ID NO:169	Round 2 CTLA4BP 5x4-a1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGCACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTTCTGGCTGGAAGATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG

		AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGGGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:170	Round 2 CTLA4BP 5x2-f3	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTAGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGCCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAGGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCCGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGGGAAGAATTAAAT GCCATCAACACAACAGCTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAAATGGAATTTTTGTGATATGCTGCCTGACCC ACTGCTTCGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:171	Round 2 CTLA4BP 5x2-e12	ATGAGCCACACACGGAGGCAGGGAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGGCATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTAGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAATATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCGCAGTTTTGTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:172	Round 2 CTLA4BP 2x4-h11	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACACTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAGGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:173	Round 2 CTLA4BP 2x3-h2	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACTAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTTCTAACATTAGAAGGATAATTTGCTC AACCTCTGGAGGTTTTCTTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTTTCCCAAGATCCTGGAACCTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAATGGAATTTTTGTGATATGCTGCCTGGCCT ACTGCTTTGCCCCAAGATGCAGAGGGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA



		TGGATTTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCTGTATAACCTGCTC CCATCCTGGGCCATTACCCTAATCTCAGTAAAGGAATTTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGGAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:174	Round 2 CD28A12-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWRKDSKMXLAILPGKVQVWPEYKNRTITDMNDNLRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDNFVNTNNHSIVCLIKYGELLSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:175	Round 2 CD28A4-5*	MGHTMKWGSLLPPKPCPLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:176	Round 2 CD28A4-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCPACRHVARWKRTRRNEETVGTERLSPIYLGSAQSRAEV PSLSX
SEQ ID NO:177	Round 2 Cd28A6-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFLVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:178	Round 2 CD28A6-1	MGHTMKWGSLLPPKRCLWLPQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFRVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:179	Round 2 CD28A8-4	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:180	Round 2 CD28A8-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMPSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPNVKRIKCSASGGFPEPRLAWMEDGEE LNAVNTTVQDLDELYSVSSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:181	Round 2 CD28B2-8	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDNFVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:182	Round 2 CD28B4-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:183	Round 2 CD28B6-3	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVKMQSCSQSP
SEQ ID NO:184	Round 2 CD28B6-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMXLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIQK PVLKGAYKLEHLTSVTLIRADFPVPSITDIGHAPNVKRIKCSASGGFPEPRLAWMEDGE

		ELNAVNTTVDQDLDTELYSVSSELDFNATNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIVPVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:185	Round 2 CD28B8-5*	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:186	Round 2 CD28C11-5	MGHTMKWGSLLPPKRCLWPSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:187	Round 2 CD28C6-1	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:188	Round 2 CD28C7-3	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPNVKRI RCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:189	Round 2 CD28C8-6	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELGFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:190	Round 2 CD28C9-5*	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARXKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:191	Round 2 CD28C2-4	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIIISQVEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVL KGAYKPEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEELN ATNTTSLSDPETKLYMISSELDFNMTSNHSFLCLVKYGDLTVSQTFYQESKPTPSANQHL TWTIIIPVSAFGISVIIAIVILTCLTCRNAAIRRORRENEVEMQSCSQSP
SEQ ID NO:192	Round 2 CD28D2-3	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTD LGNPSPNIRRLICSTSGGFPRPHLYWLENGEEL NATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQL PFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:193	Round 2 CD28D2-9	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLSDPETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:194	Round 2 CD28D8-9	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:195	Round 2 CD28D11-1	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGFRREHLTSVTL SIRADFPVPSITDIGHAPNVKRI RCSASGDFPEPRLAWMEDGEE LNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:196	Round 2 CD28D12-5	MGHTMKWGSLLPPKRCLWLSQLLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK

		PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:197	Round 2 CD28E10-6	MGHTMEWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:198	Round 2 CD28F7-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:199	Round 2 CD28F8-4	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:200	Round 2 CD28F10-2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:201	Round 2 CD28F12-5*	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:202	Round 2 CD28G2-8	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:203	Round 2 CD28G1-5	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVQK NENGSRFRHLTSVTLSIRADFPVSSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGEE LNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:204	Round 2 CD28G1-9	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLTSVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:205	Round 2 CD28H4-3	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:206	Round 2 CD28H11-3	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTSLQDPETKLYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAAVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:207	Round 2 CD28H6-6	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSGFPRPHLYWLENGEELN ATNTTTSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLP FWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID	Round 2	MGHTMKWGSLLPPKRPCWLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL

NO:208	CD28E2-4	TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:209	Round 2 CD28B4-5a	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:210	Round 2 CD28A2-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEGKCKVLSVSIGTKLKFN
SEQ ID NO:211	Round 2 CD28B4-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTLEYSVSSELDFNMTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:212	Round 2 CD28D5-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQSFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:213	Round 2 CD28D10-4	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGFSFRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNVTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:214	Round 2 CD28E2-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:215	Round 2 CD28E5-2	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:216	Round 2 CD28E8-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPETKLYMISSELDNFNTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:217	Round 2 CD28E9-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVIOK PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTTSQDPGTLEYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:218	Round 2 CD28F3-1	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIOK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTTSQDPETKLYMISSELDNFMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAGFISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:219	Round 2 CD28F3-5	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGFSFRREHLTSVTLIRADFPVPSITDIGHAPPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDTLEYSVSSELDFNVTNHSIVCLIKYGELSVSQIFPWSKPKQEPPIIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG

SEQ ID NO:220	Round 2 CD28F3-6	MGHTMKWGS LPPKRPCLRLS QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFVNTNHSIVCLIKYGELSVSQIFPWSKPKQEPPI D QLPFWV IIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:221	Round 2 CD28F11-8	MGHTMKWGS LPPKRPCLWLS QLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSK MVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCV IQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNLCLVKYGDLTVSQTFYWQESKPTPSANQHL TWTIIIPVSAFGISVIIA VILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:222	Round 2 CTLA4 5x9-d10	MSHTRRQGTSPSKCPYLKFFQFLVLASLSHFCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIWQKGKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPGTELYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESARPV
SEQ ID NO:223	Round 2 CTLA4 5x6-f6	MGYTRRQGTSPSKCPYLKFFQFLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TPIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISANGIFVICCLTYRFAPRCRERRRNERLRRESVCPV
SEQ ID NO:224	Round 2 CTLA4 5x5-h12	MGYTRRQGISPSKCPYLKFFQFLVLASLSHFCSGVIHVTKKVKEVATLSCGHNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTELYTVSSKLDNFMTTDRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTYCFAPRCRERRRNGRLRRESVRPV
SEQ ID NO:225	Round 2 CTLA4 5x5-c10	MSHTQRQGISPSKCPYLNFFQLLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTTKQEHFPDNL L PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVHPV
SEQ ID NO:226	Round 2 CTLA4 5x3-e8	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTYCFAPGCRERRRNERLRRESVCPV
SEQ ID NO:227	Round 2 CTLA4 5x3-c4	MSHIRRQGISPSKCPYLNFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTASQDPETELYTVSSKLDNFMTTNHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL F PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:228	Round 2 CTLA4 5c3-c3	MSHTRRQGTSPSKCPYLKFFQLLVLASLSHFCSGVIHMTKEVKEVATLSCGPNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTELYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO:229	Round 2 CTLA4 5x2-h11	MSHTRRQGISSSKCPYLKFFQLLVLACL SHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKGKKMVLTMMSGDMNIWPECKNRTIFDITNNLSIVILALRPSDEGTYECAVLKYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTYCFAPRCRERKSNERNLRRESVRPV
SEQ ID NO:230	Round 2 CTLA4 5x2-d7	MGYTRRQGTSPSECPYLKFFQLLVLAGLSHFCSGVIHMTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMSVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNL L PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO:231	Round 2 CTLA4 5x2-b7	MSHTRRQGISPSKCPYLNFFRLVLASLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTL SVKADFTPSPISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTELYTVSSKLDNFMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNL L



		AINTTVSQDPGTETYTVSSKLDNFMTTNHSFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESIHPV
SEQ ID NO: 244	Round 2 CTLA4 2x1-c4	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLPCGHNVSVEELAQ TRIHQWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 245	Round 2 CTLA4 2x1-b12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHMTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVALKYE KDAFKQEHLEAVTSLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPETELYTVSSKLDNFMTTANHSFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 246	Round 2 CTLA4 2x2-f1	MGHTRRQGISPSKCPYLKFFQLLGLACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 247	Round 2 CTLA4 5x4-h1	MSHTRRQGISPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKRKHLEAVTSLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHFPNNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVHPV
SEQ ID NO: 248	Round 2 CTLA4 5x4-a1	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYTVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 249	Round 2 CTLA4 5x2-f3	MSHTRRQGISPSKCPYLKFFQLLVLASLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMPGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLRYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETELYTVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTHCFAPRCRERKSNERLRRESVRPV
SEQ ID NO: 250	Round 2 CTLA4 5x2-e12	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHLCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNRSFVCLIKYGHRLRVNQTFNWNTTKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 251	Round 2 CTLA4 2x4-h11	MGYTRRQGTSPSKCPYLKFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLEYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTETYAVSSKLDNFMTTNHSFMCLIKYGHRLRVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLAYCFAPRCRGRRRNERLRRESVRPV
SEQ ID NO: 252	Round 2 CTLA4 2x3-h2	MGHTRRQGTSPSKCPYLNFFQLLVLAACLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTPGGFPEPRLAWMEDGEELN AISTTVSQDPGTETYAVSSKLDNFMTTNHSFMCLIKYGHRLRVNQTFNWNTTKQEHFPDNL PSWAITLISVKGIFVICCLTYCFAPRWRRERKSNERLRRESVRPV
SEQ ID NO: 253	Round 2 CTLA4 A-H3-6	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGCGCTGGCGGGTCTCCACTTCTCTCAGGTATCAGCCAGGTCACCAAGTCGGT GAAAGAAATGGCAGCACTGTCTGTGATTACAAACATTTCTATCATGAACCTGGCGAGAATG CGCATATACTGGCAGAAAGGACCAACAGATGGTGTCTGAGCATCATCTCTGGGCAAGTGGAAG TGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTCGGACAAGGGCACCTACACCTGCGTGGTTCAGAAGAATGAGAAC GGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCCTG TCCCTAGCATAAATGATCTTGGAATCCATCTCCTAATATCAGAAGGCTAATTTGCTCAAC CTCTGGAGGTTTTCAGAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAATGCT ACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGG ATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGACTTAACAGT GTCACAGACCTTCTACTGGCAAGAAATCCAAACCAACCCCTTCTGCTAATCAGCACCTGACC



		TGGACCATATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAGTTATACTAA CATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAAT GCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:254	Round 2 CTLA4 A-B11-5	ATGGGTCACACAATGGAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:255	Round 2 CTLA4 A-E2-6	ATGGGCCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO:256	Round 2 CTLA4 A-F1-6	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTGCGAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAGATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:257	Round 2 CTLA4 A-F6-9	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG

		AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:258	Round 2 CTLA4 A-H4-5*	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGAGAGTTTTCAGAGCCTCGCCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACAGTTTCCCAAGATCCTGGAAGTGAAGTCTACATGATTAGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAATACGGGGA GCTGTGCGTGTACAGATCTTCCCTTGGAGCAAAACCAAGCAGGAGCCTCCCATTTGATCAG CTTCCATTCTGGGTCAATTATCCAGTAAGTGGTGCTTTGGTGCTCACTGCGGTAGTTCTCT ACTGCCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAGGAATGAAGAGACAGT GGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCTCGGCTGAG
SEQ ID NO:259	Round 2 CTLA4 A-B4-6	ATGGATCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTTCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGTTTTCAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCCGGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO:260	Round 2 CTLA4 A-F10-1	ATGGGTCACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCCCACTGGTCTTTTTTACTTCTGTTCAGGTATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGTGCGACAAGGGCACCTACACCTGCGTGGTTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGTTTTCAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAGAA TTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTGCAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:261	Round 2 CTLA4 A-G8-1	ATGGGTCACACAGTGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCCCCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CCTGATTTGAAAGGGGCTTATAAATGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGTTTTCAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA

		GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:262	Round 2 CTLA4 A-C9-9	ATGGGTACACAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGTCTACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAAGT ACAAGCCTTCGGATCTATTGGCAAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAAAACCGCACCTTCCCCGACATCATTAACAACCTCTC CCTTATGATCCTGGCACTGCGCCTGTGCGACAGGGGCACCTACACCTGCGTGGTTCAGAAG AATGAGAACGGGTCTTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCCGCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGAGGTTTTCCAGAGCCTCGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTTGGACACGGAGCTCTACAGCGTCGGCA GTGAAGTGGATTTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAATACGGGGA GCTGTGGTGTACAGATCTTCCCTTGGAGCAAAACCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTCTATTATCCAGTAAGTGGTGTCTTGGTGTCTACTGCGGTAGTTCTCT ACTGCTTGGCCCGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGT GGGAAGTGAAGGCTGTCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:263	Round 2 CTLA4 A-H3-6	MGHTLRPGTPLPRCLHLKLCLLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARM RIYWQKDQOMVLSIISGQVEVWPEYKNRTFPDIINNLSLMILALRLSDKGYTCVVQKNEN GSFRREHLTSVTLIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGEELNA TNTTLSQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSANQHLT WTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:264	Round 2 CTLA4 A-B11-5	MGHTMEWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSATKRKVTMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDGYTCVVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:265	Round 2 CTLA4 A-E2-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDGYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:266	Round 2 CTLA4 A-F1-6	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:267	Round 2 CTLA4 A-F6-9	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDGYTCVVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:268	Round 2 CTLA4 A-H4-5*	MGHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPNVKIRCSASGGFPEPRLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSANQ LFPWVVIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPIYLGAQSSG
SEQ ID NO:269	Round 2 CTLA4 A-B4-6	MDHTMKWGSLLPPKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTFYWQESKPTPSANQ HLTWTIIIPVSAFGISVIIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:270	Round 2 CTLA4 A-F10-1	MGHTMKWGSLLPPKRCLWLSQLLVPTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGYTCVVQK NENGSRREHLTSVTLIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE LNATNTTLPQDPETKLYMISSELDNFMTSNHSLCLVKYGDLTVSQTLYWQESKPTPSANQ

		HLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO: 271	Round 2 CTLA4 A-G8-1	MGHTVKGWGLPCKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALPLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO: 272	Round 2 CTLA4 A-C9-9	MGHTMKWGLPCKRCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLS CDYSTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLSLMILALRLSDRGTYTCVVQK NENGSRREHLTSVTLIRADFPVPSITDIGHAPNVKRIKRSASGGFPEPRLAWMEDGEE LNAVNTTVDQDLDELYSVGSSELDNFNMTSNHSIVCLIKYGELSVSQIFPWSKPKQEPPIQD LPFWVIIIPVSGALVLTAVVLYCLARRHVARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 273	Human B7- 1	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCATACCTCAATTTCTTTC AGCTCTTGGTGCTGGCTGGTCTTTCTCACTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGACGCTTTCAAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCACCTTCTAATATTAGAAGGATAAATTTGCTC AACCTCTGGAGGTTTTCTGAGCCTCACCTCTCCTGGCTGGAAAATGGAGAAGAATTAAT GCCATCAACACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAACACAGCTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGCTTTGCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 274	Rhesus B7-1	ATGGGCCACACACGGAGGCAGGAAATATCACCATCCAAGTGTCATACCTCAAGTTCTTTC AGCTCTTGGTGCTGGCTTGTCTTTCTCATTTCTGTTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTCTGTGGTCACAATGTTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTTGATATCACTAATAACCTCTCCATTGT GATCTTGGCTCTGCGCCCATCTGACGAGGGGCACATACGAGTGTGTTGTTCTGAAGTATGAA AAAGATGCTTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTCTGAAATTCACCTTCTAATATTAGAAGGATAAATTTGCTC AAACTCTGGAGGTTTTCCAGAGCCTCACCTCTCCTGGTTGGAAAATGGAGAAGAATTAAT GCCATCAGCACAACAGTTTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCAATATGACAACCAATCACAGTTTCATGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTTCAACTGGAACACACCAAGCAAGAGCATTTTCTGATAACCTGCTC CCATCCTGGGCCATTATCCTAATCTCAGTAAATGGAATTTTGTGATATGCTGCCTGACCT ACTGTTTTGCCCAAGGTGCAGAGAGAGAAGAAGGAATGAGACATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 275	Bovine B7-1 (cow)	ATGGGTCACACAATGAAGTGGGGAACACTACCACCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGTCTTTTTTACTTCTGTTTCAGGCATCACCCCAAAGAGTGTGAC CAAAAGAGTGAAAGAAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGAGGTGTGGCTGAATACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG CATTGTGATCCTGGCTCTGCGCCTGTGCGACAGTGGCACCTACACCTGTGTTATTTCAGAAG CTGACTTCCCTGTCCCTACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTTGCTCAACCTCTGGAGGTTTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACACTGTCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAAGTGGATTTCAACATGACAAGCAATCACAGCTTCTTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTTCTGCTAAT CAGCACCTGACCTGGACCATTTATATCCAGTCTCAGCATTTGGGATTTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGGAAAGTTGCTCTCAGTCTCCA
SEQ ID NO: 276	Rabbit B7-1	ATGGGCCACACGCTGAGGCCGGGAACCTCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGTCTCCACTTCTCTTTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATPGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAAGTGGCGAGAATG



NO:284	CGformC	TSLRIYWXXKDSKMVLAILPGKVQVWPEYKNRTITDMNDNXRIVIXALRXSDXGTYTCVXQK PXLKGAYKLEHLXSVRLMIRADFPVPXXXDLGNPSPNIRRLICSTXXXGFPRLXWLENGE ELNATNTTXXSQDPXTXLYMISSELXFNVTNNXSIXCLIKYGELXVSQIFPWSKPKQEPPIID QLPFXVIIIPVSGALVLAAXVLYXXACRHXARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:285	CD28BP CG1c	MGHTMKWRSLLPPKRPCLWPSQLLVLTDLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRPSDKGTYTCVVQK PVLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLCWLENGE ELNATNTTVSQDPGTELYMISSELGFNVTNNHSIACLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIIPVSGALVLAADVLYRPACRHRGARWKRTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO:286	CTLA4BP Consensus	MGHTRRQGISPSKCPYLKFFQLLVLACLHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTTNHSMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISVNGIFVICCLTYCFAPRCRERRRRNERLRRESVRPV
SEQ ID NO:287	CTLA4BP CGform	MGHTRRQGTSPXKCPYLKFFQLLVXACLXHLCSGVIHVTXEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYX KDAFKRXHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETXLYTVSSKLDNFMTANHSFMCLIXYGHRLVNQTFNWNTPKQEHFPXNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:288	CTLA4BP CG1	MGHTRRQGTSPPECPYLKFFQLLVMACLPHLCSGVIHVTREVKEVATLPCGLNVSVEELAQ TPIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYD KDAFKQKHLAEVMLSVKADFPPTPSITDFEIPPSNIKRIICSASGGFPEPHLFGLENGEELN AINTTVSQDPETGLYTVSSKLDNFMTADHNFMCILIRYGHRLVNQTFNWNTPKQEHFPNNPL PSWAITLISANGIFVICCPTYRFAPGCRERKSNETLRRESVCPV
SEQ ID NO:289	CTLA4BP CG2	MGHTRRQGTSPSKCPYLKFFQLLVLACLHLCSGVIHVTKEVKEVATLSCGLNVSVEELAQ TRIHQWKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFMTANHSFMCLIKYGHRLVNQTFNWNTPKQEHFPDNL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCPV
SEQ ID NO:290	CD28BP CGformD	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMXSCDYXXSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDXGTYTCVXQK XXXXGXXXXEHLXSVXLXIRADFPVPSITDIGHAPPNVKRIRCSASGXFPPEPLAWMEDGE ELNAVNTTVXXXLDTELYSVSSELDXNXTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIXXVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:291	CD28BP CG1d	MGHTMKWGSLLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNASTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHAPPNVKRIRCSASGDFPEPLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDSNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIID QLPFWVIIILVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:292	CD28BP CGformB	MGHTMKWXLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYXTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRXSDSGTYTCVIQK PXLKGAYKLEHLXSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGX ELNATNTTXXSQDPETKLYMISSELDFNXTSNXXXLCLVKYGDLTVSQXFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVXMXSCSQSP
SEQ ID NO:293	CD28BP CG1b	MGHTMKWGTLPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMVLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGK ELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVKMESCSQSP